

Northeast Regional Climate Center

Mid-Atlantic Climate

CONTENTS

CLIMATE DIVISION MAPS.....	1
OCTOBER WEATHER HIGHLIGHTS.....	2
DAILY AVERAGE TEMPERATURES AND THE 30-YEAR NORMAL.....	7
MONTHLY TEMPERATURE MAPS.....	9
MONTHLY PRECIPITATION MAPS.....	10
MONTHLY SNOWFALL MAPS.....	11
PRELIMINARY MONTHLY SUMMARIZED DATA OCTOBER 2014.....	12
PRELIMINARY MONTHLY DEGREE DATA OCTOBER 2014.....	14

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CLIMATE DIVISION MAPS



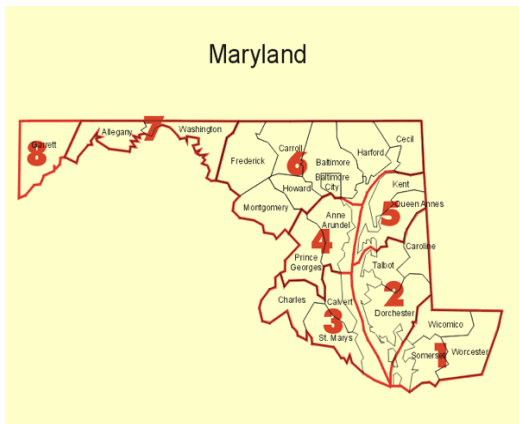
New Jersey Climate Divisions

- 1 Northern
- 2 Southern
- 3 Coastal



Delaware Climate Divisions

- 1 Northern
- 2 Southern



Maryland Climate Divisions

- 1 Southern Eastern Shore
- 2 Central Eastern Shore
- 3 Lower Southern
- 4 Upper Southern
- 5 Northern Eastern Shore
- 6 Northern Central
- 7 Appalachian Mountain
- 8 Allegheny Plateau

OCTOBER WEATHER HIGHLIGHTS

September's warmer-than-normal conditions carried over into October in the Mid-Atlantic. The region's average temperature was 57.9 degrees, 2.2 degrees above normal. In terms of departure from normal, New Jersey was the warmest state at 2.6 degrees above normal. Two of the state's three divisions ranked the month among their top 20 warmest. Delaware was 2.2 degrees warmer than normal, making it the 18th warmest October since recordkeeping began. The state's Southern division had its 15th warmest October. Maryland wrapped up October 1.9 degrees warmer than normal, with four of its eight divisions ranking the month among their top 20 warmest. Sharpsburg, MD, reported the highest temperature of the month, 84 degrees, on the 29th. Two New Jersey sites reported the month's lowest temperature of 28 degrees: Hightstown on the 20th and 21st and Indian Mills on the 31st.

The Mid-Atlantic landed just on the dry side of normal in October. The region saw 3.50 inches of precipitation, 96 percent of normal. Delaware was the driest state at 63 percent of normal, followed by New Jersey at 93 percent of normal. Maryland was wetter at 105 percent of normal, with the Allegheny Plateau seeing its 20th wettest October on record. The Long Branch Oakhurst site in New Jersey was home to the month's greatest monthly and daily precipitation totals: 6.37 inches during October with 2.58 inches on the 22nd.

According to the US Drought Monitor, 42 percent of New Jersey and 21 percent of Maryland were abnormally dry at the start of October. Dry conditions remained fairly steady during the month in New Jersey, but eased in Maryland. By month's end, 42 percent of New Jersey and 10 percent of the Maryland were abnormally dry.

On the 15th, a short-lived EF-0 tornado touched down in central Maryland. From October 21 to 22, a slow-moving coastal low brought strong winds and up to 4 inches of rain mainly to coastal areas. In New Jersey, some street flooding occurred and a waterspout was reported off the coast.

Daily High Minimum Temperature Records (°F)

Station	Date	New	Previous
Washington Dulles, DC	14	63	60 in 1974
Wilmington, DE	14	64	64 in 1970
Wilmington, DE	15	68	63 in 1985
Newark, NJ	15	69	64 in 1985
Atlantic City, NJ	15	69	66 in 1985

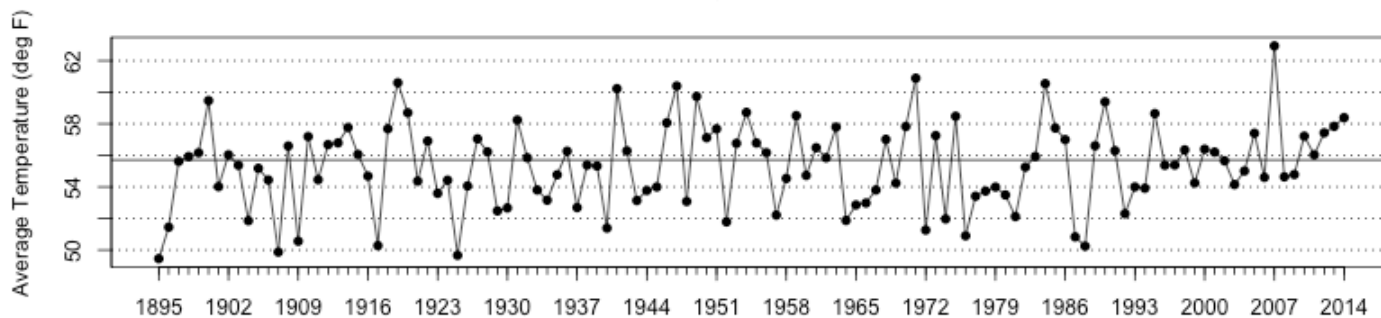
Daily High Average Temperature Records (°F)

Station	Date	New	Previous
Washington Dulles, DC	14	71.0	70.0 in 1975
Newark, NJ	15	72.5	72.5 in 1975

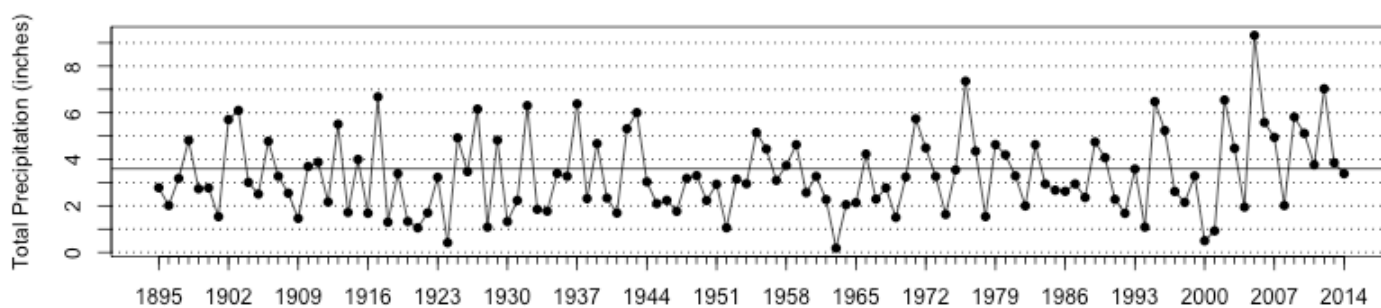
Daily Precipitation Records (inches)

Station	Date	New	Previous
Washington Dulles, DC	15	1.30	0.93 in 1970

Mid Atlantic Average October Temperatures



Mid Atlantic October Precipitation Totals



The 2014 values depicted on these graphs are based on preliminary data.

Mild With Some Beneficial Rain October 2014 Recap

Dr. David A. Robinson, New Jersey State Climatologist
NJ Agricultural Experiment Station, Rutgers University

Overview

The tenth month of 2014 bucked the recent tendency toward dry conditions in northern New Jersey and proved to be the warmest month compared to normal since October 2013. Statewide, the October average temperature of 57.0° was 2.2° above the 1981-2010 average. This ranks as the 23rd warmest (tied with 1955) in 120 years (since records began in 1895). The average precipitation across NJ was 3.78". This is 0.15" below the mean and ranks as the 51st wettest October. Rainfall was above average in what have been some of the driest northern counties since mid summer. Still, from Mercer and Middlesex counties northward, precipitation has only been 50-75% of normal the past three months. Thus this area is still considered "abnormally dry" on the [US Drought Monitor](#) map.

Temperature

Approximately three quarters of October days experienced above-average temperatures. This included seven where maximum temperatures equaled or exceeded 75° at one or more of the 56 NJ Weather and Climate Network ([NJWxNet](#)) stations. The 1st saw Greenwich (Cumberland County) hit 75°. Hawthorne (Passaic) next reached this mark on the 3rd, while 75° was achieved on the 7th at Hawthorne, Hillsborough (Somerset), Wall (Monmouth), and Woodbine (Cape May). On the 8th, 76° was the maximum temperature at New Brunswick (Middlesex), Red Lion (Burlington), Sicklerville (Camden), and Woodbine.

The next warm spell came at mid-month. The 14th took top monthly honors and likely provided the last 80° readings of 2014. Mansfield (Burlington) reached 81°, while Cherry Hill (Camden), Hillsborough, and New Brunswick saw 80°. Warm temperatures were observed statewide, with 39 stations topping out between 75°-79°, 11 between 70°-74°, and both Harvey Cedars and High Point Monument at 69°. Every NJWxNet station reached the 70°s on the 15th, with six stations at 79° and Seaside Heights at 70°.

The last very warm day of October was the 28th, when Red Lion, Sicklerville, and Stewartville (Warren) got to 79°. Atlantic City Marina (Atlantic) was coolest at 65°. Conditions cooled considerably to end the month, with High Point Monument only making it to 45° and remaining ocean warmth helping to keep Harvey Cedars as mild as 58°.

Speaking of ocean warmth, while almost every NJ location fell into the 20°s or 30°s on more than one morning in October, the coastal locations of Harvey Cedars (42°), Seaside Heights (41°), and Atlantic City Marina (40°) failed to fall below the 40°s. Ten October days saw one or more stations below freezing, with the growing season ending (minimum of 32° or lower) at half of the NJWxNet locations at some point during the month. Climatologically, by the end of October most stations outside of coastal and urban areas should have experienced their first freeze. Actually, Walpack (Sussex) saw the season end on September 23rd, while no other location dipped below freezing until October 5th. On that morning, Walpack was at 30° and Kingwood at 32°. The next day, Basking Ridge (Somerset) fell to 30°, Walpack to 31°, and Pequest (Warren) to 32°.

Walpack was 30° on the 10th, and on the 12th was joined by Basking Ridge and Pequest at 31°, while Hope (Warren) reached 32° for the first time. The mid-month warmth resulted in a weeklong freezing temperature hiatus. In fact, on the 15th, High Point Monument at 62° was had the coolest minimum in NJ and eleven stations only fell to 69°. Cold mornings returned on the 19th, with some locations within Pinelands of south Jersey reaching the freezing mark for the first time. This included Berkeley Township (Ocean) at 31° and Oswego Lake (Burlington) 32°. They were joined by 30° in Walpack and 32° at Kingwood. The morning of the 20th brought the first freeze of the season, which also produced the most expansive freezing temperatures of the month. Berkeley Township fell to 26°, and Kingwood and Oswego Lake to 27°. Some 25 other stations were at 28°-32°. Harvey Cedars was mildest at 43°. Increasing early morning cirrus clouds in the north kept some of the traditionally coldest valley locations from taking minimum honors.

Walpack dropped to 30° and Pequest 32° on the 25th, Walpack to 31° on the 27th, and the 30th found Walpack at 29°, Pequest 30°, and Basking Ridge and Kingwood both at 31°. Halloween morning proved to be the second coldest of the month, with the absolute coldest monthly temperature of 24° at Walpack and Pequest, 21 stations between 26°-31°, and West Cape May (Cape May) mildest at 43°.

Precipitation and Storms

There was a more than 4.00" range in precipitation totals across NJ in October. Of the almost 250 Community Collaborative Rain, Hail and Snow Network (CoCoRaHS) and NJWxNet stations with enough observations to generate monthly totals, the NJWxNet station in Point Pleasant took top honors with 6.85", followed by two stations in Brick (Ocean) with 6.75" and 6.69". Three other coastal communities, Lavallette (Ocean), Sea Girt (Monmouth), and Jackson Township (Ocean), received 6.43", 6.29", and 6.06", respectively. In Morris County, Mine Hill caught 6.38" and Randolph Township 6.22". Harrison (Hudson) received 6.06". On the low end, stations in five southern counties had the six lowest totals. They include Middle Township (Cape May) at 2.61", Merchantville (Camden) 2.66", Medford Township (Burlington) 2.71", Estell Manor (Atlantic) 2.80", Egg Harbor Township (Atlantic) 2.81", and Elk Township (Gloucester) 2.88". No snowfall, even in the form of flurries, was observed anywhere in the state during October.

The first precipitation event of October that brought more than 0.50" somewhere in NJ was on the morning of the 4th. Most of northern NJ received at least 0.75", with scattered spots above an inch. This included Chester Township (Morris) with 1.37", Jefferson and Randolph townships (Morris) 1.15", Harrison and Kearny (Hudson) 1.13", and Middletown (Monmouth) 1.12". Totals tapered off as you headed south, with Wildwood Crest (Cape May) receiving only 0.10" and Sea Isle City (Cape May) 0.16".

Early morning rain, in some locations accompanied by lightning and thunder, brought close to an inch of rain to the northern Highlands on the 8th. West Milford (Passaic) totaled 1.27", while in Morris County, Rockaway, Randolph Township, and Denville caught 1.06", 0.98", and 0.97", respectively. Less than 0.50" was seen elsewhere, with the least falling in Monmouth County where Eatontown and Wall had 0.02". Winds gusted to 47 mph at Harvey Cedars and 45 mph in Bivalve (Cumberland) during this event with 15 other NJWxNet stations recording gusts between 30-39 mph.

From early morning to early afternoon on the 11th, Jackson Township received 1.25", Folsom (Atlantic) caught 0.92", and Sea Isle City and Wildwood Crest saw 0.87" and 0.86", respectively. Totals greater than 0.50" were common in the southern half of the state, with only a few tenths in the north. Ramsey (Bergen) at 0.14" and Blairstown (Warren) 0.19" received the least.

Heavy rain fell from the afternoon of the 15th into the predawn hours of the 16th. Totals were highest in the north, with two locations in Mine Hill Township receiving 2.97" and 2.44". Elsewhere, Roxbury Township (Morris) had 2.48", Mendham (Morris) 2.35", and Blairstown 2.33". Lowest totals in the south included Egg Harbor Township with 0.37" and Upper Township (Cape May) 0.40". Of the 223 CoCoRaHS reports, 17 exceeded 2.00", 131 were between 1.00"-1.99" and 75 were from 0.37"-0.99".

A complex coastal system, the first nor'easter of the season, plagued New Jersey from the 21st-23rd. Isolated severe thunderstorms during the afternoon of the 21st brought strong winds, heavy rain, hail, and a waterspout to coastal Ocean and southern coastal Monmouth counties. A quick several inches of rain brought local street flooding. Hail as large as 0.75" in diameter was reported in Brick, along with 0.25" hail observed elsewhere in Brick, Toms River (Ocean), Bayville (Ocean), and Colts Neck (Monmouth). The waterspout (see accompanying photo [here](#)) was observed off of Seaside Heights. An isolated storm further north brought 0.25" hail to Jefferson Township.

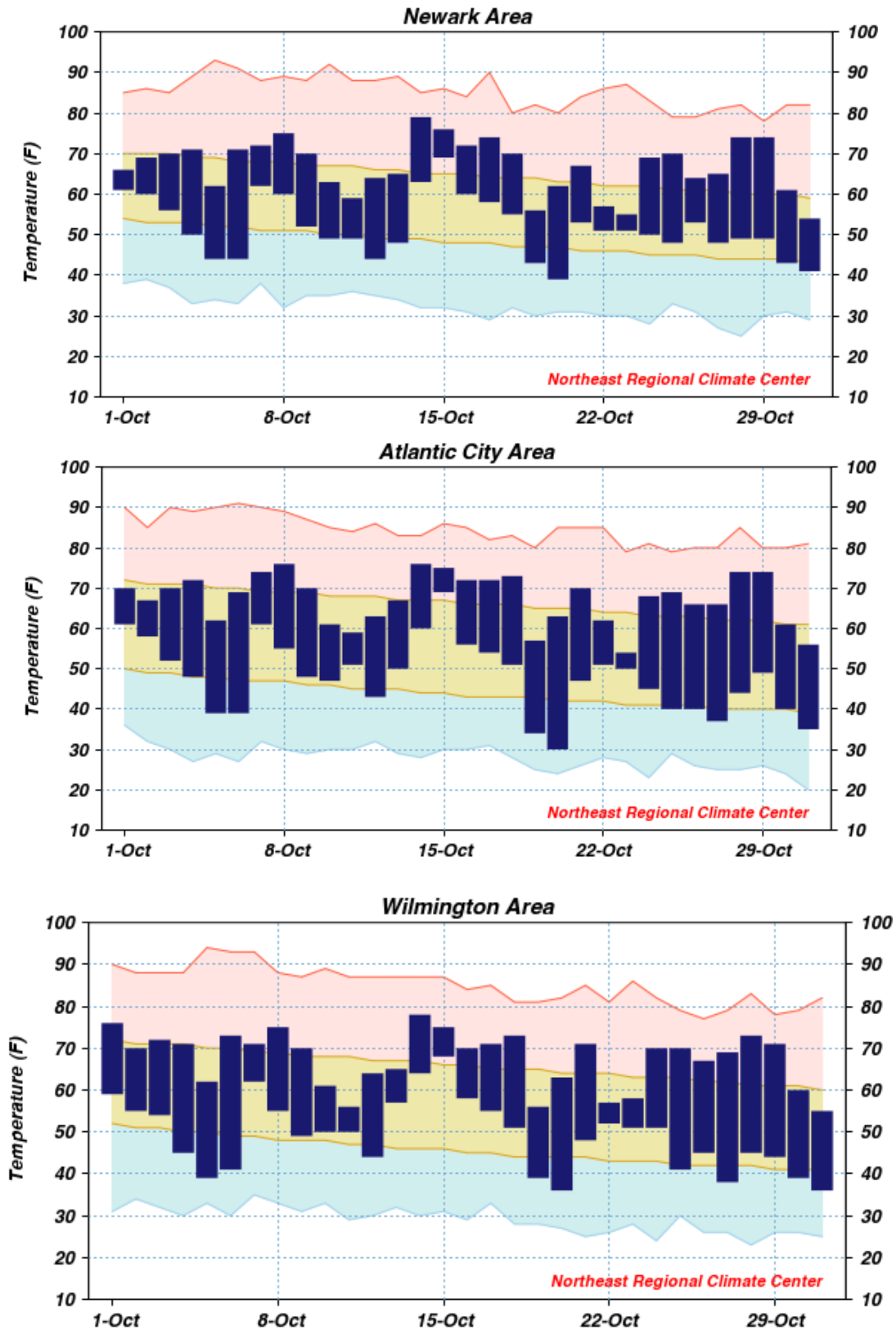
The core of the nor'easter occurred throughout the 22nd, before tapering off to wrap around showers on the 23rd. Thunder was heard in a number of locations during the morning of the 22nd. The heaviest rain fell along the northern coast, including some areas that were doused the previous afternoon. Winds along the coast gusted to 51 mph at Harvey Cedars, 42 mph in Seaside Heights, and 40 mph at Sea Girt. Impressive totals for the multi-day event included 4.44" at Point Pleasant, 4.36" at Lavallette, 4.05" and

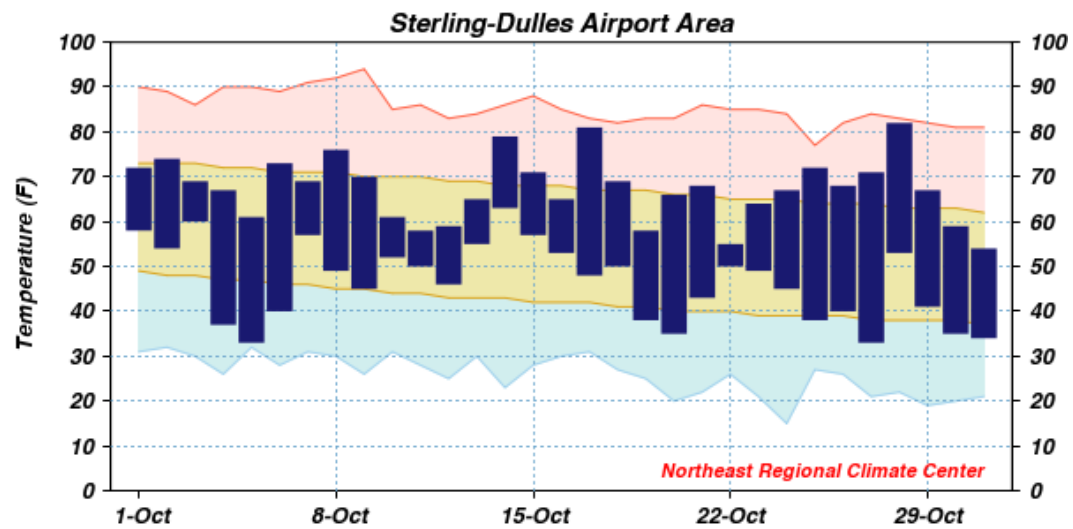
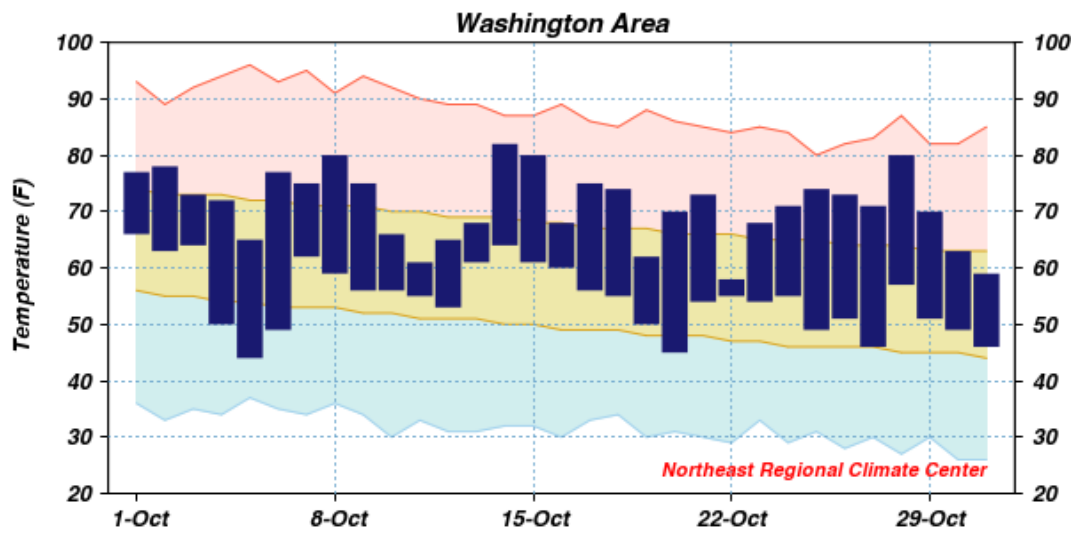
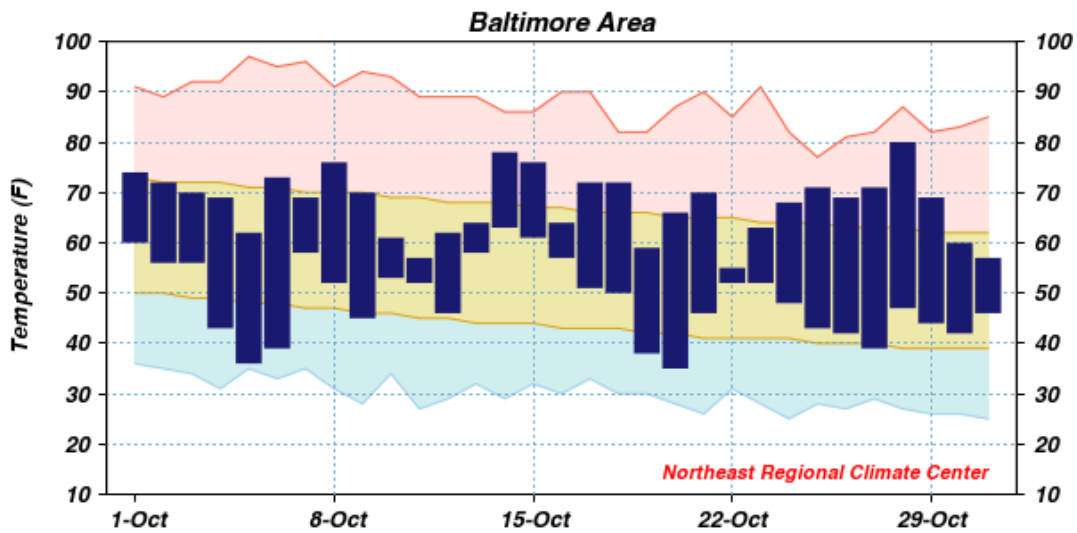
3.62" at two Brick stations, and 3.67" in Berkeley (Figure 1). Eleven stations received more than 3.00", 18 between 2.00"-2.99", and 62 from 1.00"-1.99". The least was observed at Bivalve with 0.21" and Greenwich Township (Warren) with 0.26".

In addition to the greater than 40 mph wind gusts on the 8th and 22nd mentioned above, three other October days saw winds of this magnitude. High Point Monument gusted to 51 mph on the 19th, along with a 42 mph gust at Wantage (Sussex) and 14 stations gusting from 30-39 mph. Wantage gusted to 52 on the 24th, with High Point Monument up to 43 mph. The Monument anemometer reached 45 mph on the 26th.

The lowest surface barometric pressure of the month was on the 4th, when barometers read close to 29.50". The maximum was close to 30.35" on the 13th.

DAILY AVERAGE TEMPERATURES AND THE 30-YEAR NORMAL





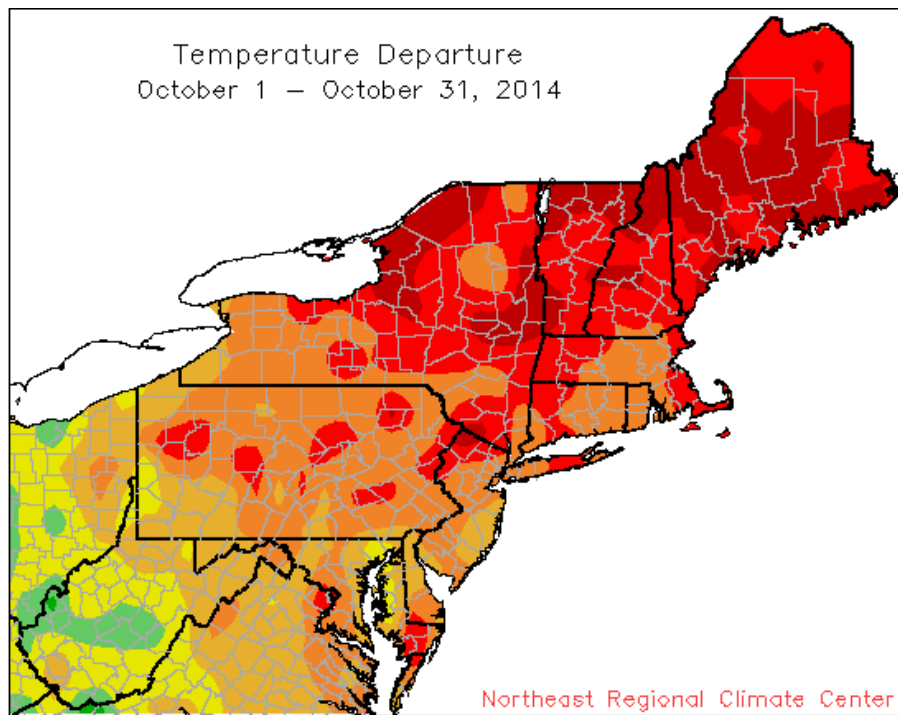
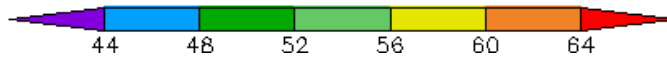
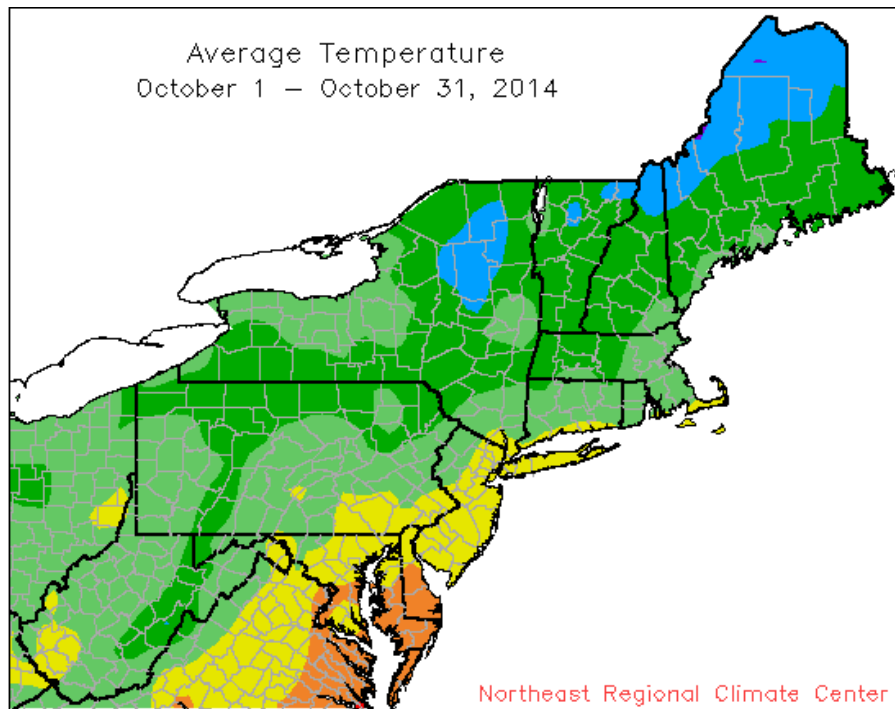
Observed daily maximum and minimum temperatures are connected by dark blue bars.

Area between normal max and min temperatures has tan shading.

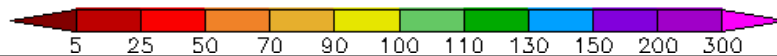
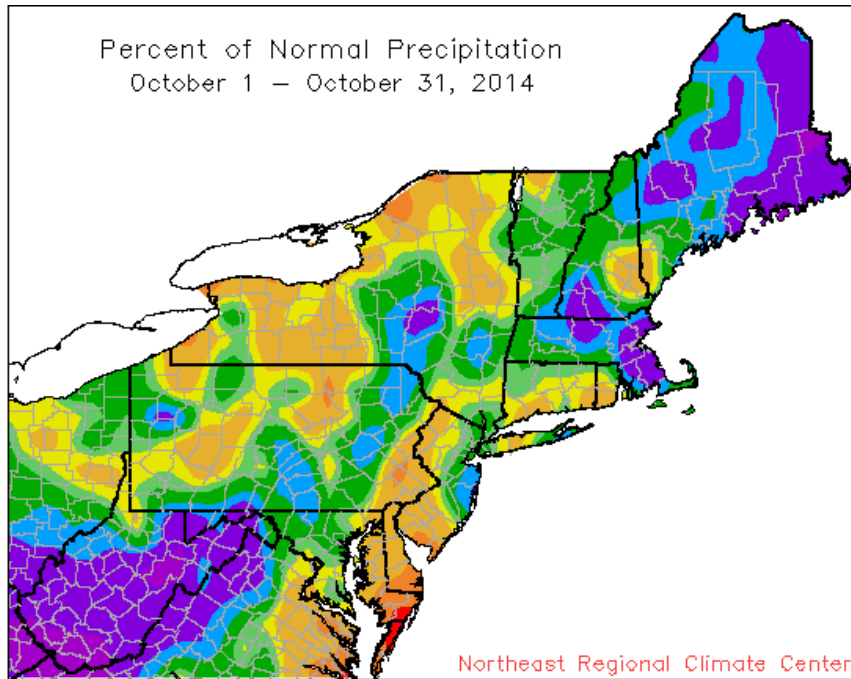
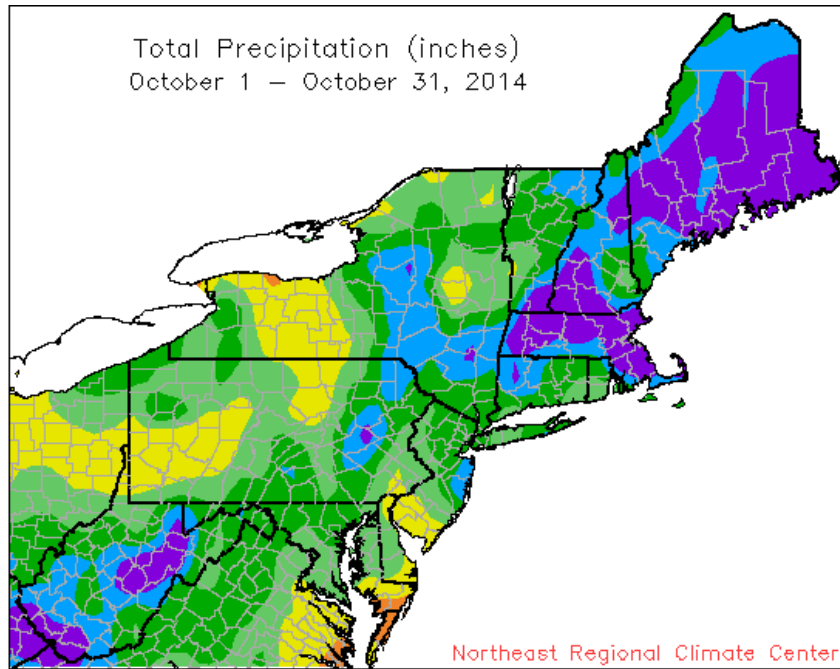
Red line connects record high temperatures.

Light blue line connects record low temperatures.

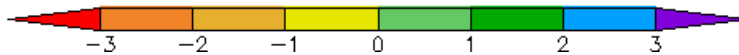
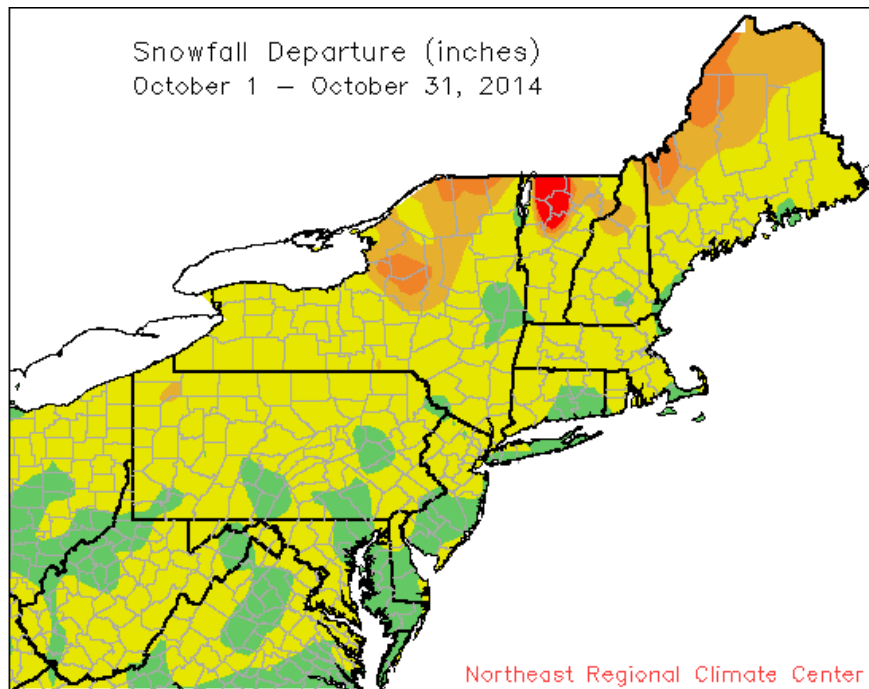
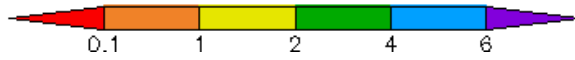
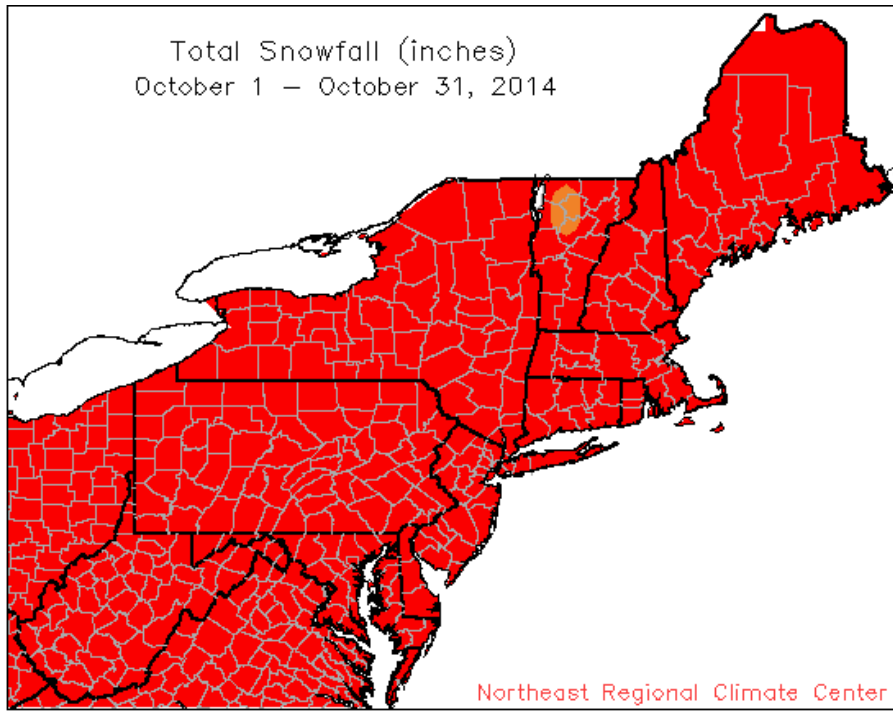
MONTHLY TEMPERATURE MAPS



MONTHLY PRECIPITATION MAPS



MONTHLY SNOWFALL MAPS



PRELIMINARY MONTHLY SUMMARIZED DATA OCTOBER 2014

STATION	TEMPERATURE (F)						PRECIPITATION (INCHES)										
	MONTHLY AVERAGES			EXTREMES			NUMBER OF DAYS			MONTHLY TOTALS			EXTREMES		SNOWFALL		
	AVG MAX	AVG MIN	MON AVG	DEPRT	MON MAX	DAY MIN	MON MAX	DAY MIN	90+ 70-	65+ 50-	MON TOT	DEPRT 0.1+	DAYS	DLY MAX	DAY	MON TOT	DLY MAX
-DE: NORTHERN-																	
WILMINGTON NEW CAS	67.5	49.1	58.3		78	14	36	31+	0	18	1	17	2.79	7	0.52	22	
WILMINGTON PORTER R	64.7	50.0	57.3		77	14	38	20	0	26	1	17	2.24	5	0.65	4	0
-DIVISION-			57.8	1.7									2.52	-1.09			0
-DE: SOUTHERN-																	
DOVER	69.3	51.3	60.3		81	28	35	20	0	15	1	13					0
-DIVISION-			60.3	2.4													0
-STATE-			59.7	2.2									0.56	-3.06			0
-MD: SOUTHEASTERN-																	
SALISBURY WICOMICO	72.2	51.3	61.8		83	14	34	20	0	10	1	11	1.72	4	0.79	15	0
SNOW HILL 4 N	73.3	49.5	61.4		82	28	31	20	0	8	2	17	2.02	5	0.57	11	NM
SALISBURY 2N *	71.6	50.2	61.1		80	14	36	20					3.43	7	1.14	16	NM
-DIVISION-			61.4	2.6									2.39	-0.97			0
-MD: CENTRAL EAST-																	
ROYAL OAK 2 SSW	69.2	51.4	60.3		80	14	36	20	0	17	1	12	3.08	6	0.77	15	0
-DIVISION-			60.3	1.4									3.08	-0.40			0
-MD: LOWER SOUTHE-																	
MECHANICSVILLE 5 N	67.5	47.6	57.6		79	29	35	31+	0	20	0	19	4.00	7	1.51	16	
ST INIGOE WEBSTER	70.6	52.3	61.5		82	28	38	20+	0	13	1	10	3.41	5	1.77	15	NM
-DIVISION-			59.5	2.4									3.71	0.09			
-MD: UPPER SOUTHE-																	
BALTIMORE WASH INT	67.7	48.7	58.2		80	28	35	20	0	20	0	17	4.16	6	1.23	15	0
BELTSVILLE	68.3	49.2	58.8		80	29	35	27	0	20	1	16	4.06	6	1.23	16	0
DALECARLIA RSVR *	68.7	49.7	59.2		81	29	38	28+									
LAUREL 3 W	67.9	51.8	59.9		80	28	40	20+	0	20	0	12	4.03	7	1.12	15	NM
MD SCI CTR BALTIMO	67.5	54.0	60.8		77	14	43	20	0	19	0	10	3.71	5	0.99	15	NM
NATL ARBORETUM DC	70.5	51.7	61.1		82	29	39	27+	0	15	1	14	3.96	8	1.26	16	
OXON HILL	68.9	49.8	59.4		80	29	39	21+	0	18	1	16	3.46	7	1.22	16	0
UPPER MARLBORO 3 N	69.6	47.5	58.6		82	29	34	20	0	16	1	19	3.34	8	1.19	16	NM
-DIVISION-			59.5	2.6									3.82	0.16			0
-MD: NORTHEASTERN-																	
STEVENSVILLE	67.8	53.6	60.7		79	15	42	20	0	19	0	8	3.87	8	1.78	16	0
-DIVISION-			60.7	3.5									3.87	0.33			0
-MD: NORTHERN CEN-																	
ABERDEEN PHILLIPS	68.1	47.4	57.7		79	15	36	20	0	21	0	20	3.24	6	1.15	22	0
BRIGHTON DAM	66.4	47.3	56.9		80	30+	34	27+	0	24	1	22	4.21	10	1.35	16	0
CONOWINGO DAM	65.0	46.6	55.8		74	15+	33	5	0	27	0	21	3.18	5	1.77	15	
CYLBURN	65.7	49.3	57.5		76	15	37	20	0	24	1	19					NM
DAMASCUS 3 SSW	64.2	48.4	56.3		82	29	36	5	0	27	0	20	3.47	8	1.24	15	0
EMMITSBURG 2 SE	66.4	45.5	56.0		80	29	33	21	0	24	0	21	4.60	8	1.67	16	0
MILLERS 4 NE	65.3	47.6	56.5		81	28	33	20	0	26	0	19	4.09	6	1.00	15	0
-DIVISION-			56.7	1.3									3.80	0.15			0
-MD: APPALACHIAN -																	
CUMBERLAND 2	66.9	46.6	56.7		83	1	37	28+	0	20	0	21	3.75	8	1.24	15	NM
FROSTBURG 2	59.8	43.5	51.6		77	1	35	20+	0	27	0	26	4.40	9	1.11	15	NM
SHARPSBURG 5 S	67.0	44.3	55.6		84	29	33	28+	0	20	1	23	3.93	7	1.93	16	NM
-DIVISION-			54.6	1.6									4.03	1.13			
-MD: ALLEGHENY PL-																	
OAKLAND 1 SE	59.9	40.5	50.2		76	1	29	28+	0	24	0	30	5.62	11	1.31	15	0
SAVAGE RIVER DAM	61.5	44.5	53.0		77	1	34	28	0	25	0	24	4.18	9	1.28	15	NM
KITZMILLER 1 W	62.0	43.8	52.9		76	29+	33	28+	0	23	0	22					NM
-DIVISION-			52.0	2.2									4.90	1.98			0
-STATE-			58.0	1.9									3.63	0.17			0
-NJ: NORTHERN-																	
BLACKWELLS MILLS													4.47	8	1.40	16	0

STATION	TEMPERATURE (F)								PRECIPITATION (INCHES)									
	MONTHLY AVERAGES				EXTREMES		NUMBER OF DAYS		MONTHLY TOTALS			EXTREMES	SNOWFALL					
	AVG	AVG	MON	DEPRT	MON	DAY	MAX	MIN	MON	DEPRT	DAYS	DLY	DAY	MON	DLY	DAY		
MAX	MIN	AVG		MAX	MIN	90+	70-	65+	50-	TOT	0.1+	MAX	TOT	MAX				
BOONTON 1 SE	66.0	46.6	56.3		78	16+	35	31		0	23	1	21	5.13	10	1.18	16	0
BOUND BROOK 2 W										3.70		8		1.47	16		0	
CANISTEAR RSVR																	0	
CANOE BROOK *	64.8	46.5	55.6		79	15	35	31+										NM
CHARLOTTEBURG RSVR	64.6	45.5	55.0		77	15	30	31	0	25	1	23						
CRANFORD	67.1	51.6	59.4		80	16	32	21	0	22	1	16	3.60	9	0.92	23		0
FLEMINGTON 5 NNW	66.4	45.3	55.8		80	1	29	31	0	22	0	23	3.87	7	1.29	16		0
HARRISON	66.6	50.6	58.6		77	15	39	20	0	21	1	17	6.04	8	1.60	23		0
LAMBERTVILLE										4.02		7		1.65	16		0	
NEWARK INTL AP	67.0	51.7	59.3		79	14	39	20	0	21	1	16	4.15	6	1.14	22	T	T
OAK RIDGE RSVR																		0
PHILLIPSBURG EASTO	66.1	46.6	56.4		78	15+	35	21+	0	23	0	21	3.19	8	1.26	16		0
POTTERSVILLE 2 NNW	64.5	47.4	55.9		79	1	36	31+	0	24	1	22	4.89	9	1.76	16		0
SUSSEX 2 NW	65.4	44.6	55.0		79	16	29	31	0	22	1	23						0
WAYNE *	66.5	48.3	57.6		78	16+	36	31+		4.12		9		1.28	16		0	
WERTSVILLE 4 NE	66.0	46.3	56.1		77	15+	33	31+	0	23	0	22	3.84	8	1.25	16		0
RIEGELSVILLE										2.38		7		0.91	16		0	
TOCKS ISLAND	64.5	45.8	55.1		76	15+	32	31	0	27	1	22						NM
-DIVISION-			56.6	3.9						4.31	-0.05							0
-NJ: SOUTHERN-																		
ATLANTIC CITY INTL	67.4	47.9	57.6		76	14+	30	20	0	21	1	19	3.22	8	0.95	22		
ESTELL MANOR	68.4	46.0	57.2		79	29	31	21+	0	18	0	21	2.83	9	0.60	12		0
FREEHOLD MARLBORO*	67.7	47.8	57.7		80	16+	31	20										NM
HAMMONTON 1 NE	67.1	47.3	57.2		77	16+	31	21	0	19	0	21	2.96	7	0.54	16		0
HIGHTSTOWN 2 W	67.7	43.6	55.7		80	16+	28	21+	0	19	0	23	4.43	8	1.35	23		0
INDIAN MILLS	66.7	47.5	57.1		77	14	28	31	0	25	1	19	3.09	7	0.79	4		0
MAYS LANDING 1 W																		0
MILLVILLE MUNI AP	67.4	46.7	57.1		78	14	31	20	0	19	1	19						NM
NEW BRUNSWICK 3 SE	68.2	46.7	57.4		80	15	31	20	0	17	1	20	4.13	8	1.25	16		0
SEABROOK FARMS	68.0	50.3	59.1		78	15	35	20	0	15	1	16	2.36	5	0.65	16		0
SOMERDALE 4 SW	66.7	47.9	57.3		78	15	32	31	0	22	1	19	3.04	6	0.92	16		0
ATSION	67.1	45.7	56.4		79	29+	29	20	0	20	0	21	3.31	5	0.99	4		0
TRENTON MERCER CO	66.0	48.6	57.3		79	14	33	20	0	22	1	20	3.14	7	0.75	22		NM
PHILADELPHIA MT HO	65.1	46.1	55.6		75	16+	30	20	0	26	0	21	2.80	7	0.74	23		0
-DIVISION-			57.1	1.8						3.21	-0.48							0
-NJ: COASTAL-																		
ATLANTIC CITY	66.4	55.5	60.9		74	9	44	31	0	25	3	9	2.86	8	0.55	16		0
BRANT BEACH HVN										4.46		7		1.07	16		0	
CAPE MAY 2 NW	68.3	53.0	60.7		77	8+	35	20	0	17	2	9	1.98	6	0.61	11		0
LONG BRANCH OAKHUR	66.2	48.8	57.5		75	7	34	20	0	22	2	20	6.37	8	2.58	22		0
-DIVISION-			59.7	2.1						3.74	0.18							0
-STATE-			57.1	2.6						3.65	-0.27							0

*= One to four days of missing temperature data + = This value also occurred on one or more previous dates this month.

All means are for the years 1981-2010. NM = Snowfall is not measured.

These data are considered preliminary, published data from the National Climatic Data Center may differ somewhat from the values shown here.

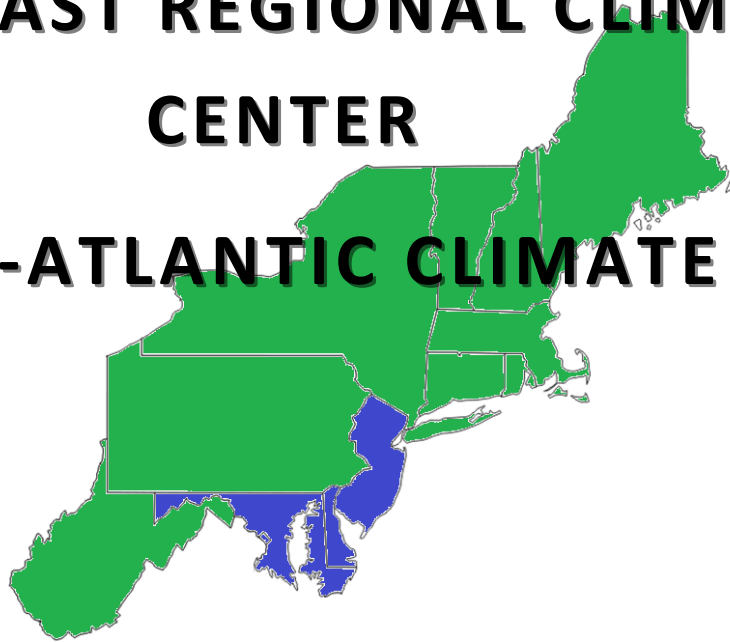
PRELIMINARY MONTHLY DEGREE DATA OCTOBER 2014

STATION	HEATING DEGREE DAYS (BASE 65)				COOLING DEGREE DAYS (BASE 65)				GROWING DEGREE DAYS (BASE 50)			
	MONTH	MONTH	SEASON	SEASON	MONTH	MONTH	SEASON	SEASON	MONTH	MONTH	SEASON	SEASON
-DE: NORTHERN-												
WILMINGTON NEW CAST	217		255		18		1073		272		3625	
WILMINGTON PORTER RS	239		272		11				245			
-DE: SOUTHERN-												
DOVER	158		176		21				331		3875	
-MD: SOUTHEASTERN SHORE-												
SALISBURY WICOMICO	127		133		33		1375		372		4174	
SNOW HILL 4 N	143		161		39				361		4000	
-MD: CENTRAL EASTERN SHORE-												
ROYAL OAK 2 SSW	164		183		26		1237		329		3968	
-MD: LOWER SOUTHERN-												
MECHANICSVILLE 5 NE	233		287		8				247			
ST INIGOES WEBSTER	135				31				362			
-MD: UPPER SOUTHERN-												
BALTIMORE WASH INTL	215		252		12		1084		264		3658	
BELTSVILLE	202		237		17		1077		284		3664	
LAUREL 3 W	174		188		22				313			
MD SCI CTR BALTIMOR	146		151		21		1456		340		4242	
NATL ARBORETUM DC	149		159		36				352			
OXON HILL	193		207		23		1199		295		3891	
UPPER MARLBORO 3 NN	212		250		21		1128		278		3715	
-MD: NORTHEASTERN SHORE-												
STEVENSVILLE	141		168		19				343			
-MD: NORTHERN CENTRAL-												
ABERDEEN PHILLIPS F	232		277		14		1003		253		3512	
BRIGHTON DAM	258		320		9				224			
CONOWINGO DAM	280		342		1		742		198		3099	
CYLBURN	237		295		10				242			
DAMASCUS 3 SSW	271				8				211			
EMMITSBURG 2 SE	279		367		6		738		205		3106	
MILLERS 4 NE	261		334		4		731		219		3149	
-MD: APPALACHIAN MOUNTAIN-												
CUMBERLAND 2	262		327		13				223			
FROSTBURG 2	408		636		0				115			
SHARPSBURG 5 S	296		409		11				195			
-MD: ALLEGHENY PLATEAU-												
OAKLAND 1 SE	451		728		0				101		2269	
SAVAGE RIVER DAM	365				0				133			
KITZMILLER 1 W	369		512		0				136			
-NJ: NORTHERN-												
BOONTON 1 SE	274		339		14				218			
CHARLOTTEBURG RSVR	313				11				191			
CRANFORD	193		236		28		1063		303		3601	

STATION	HEATING DEGREE DAYS (BASE 65)		COOLING DEGREE DAYS (BASE 65)		GROWING DEGREE DAYS (BASE 50)	
	MONTH	MONTH SEASON SEASON	MONTH	MONTH SEASON SEASON	MONTH	MONTH SEASON SEASON
FLEMINGTON 5 NNW	289	372	14	794	217	3134
HARRISON	211		20		276	
NEWARK INTL AP	189	208	21	1175	299	3776
PHILLIPSBURG EASTON	267		7		219	
POTTERSVILLE 2 NNW	284	360	10	932	205	3299
SUSSEX 2 NW	315		14		195	
WERTSVILLE 4 NE	281	363	13		219	
TOCKS ISLAND	310	413	11	601	190	2864
-NJ: SOUTHERN-						
ATLANTIC CITY INTL	236	274	15	857	255	3312
ESTELL MANOR	247	308	13	798	241	3226
HAMMONTON 1 NE	249	300	14	953	242	3413
HIGHTSTOWN 2 W	295		15		211	
INDIAN MILLS	249		12		244	
MILLVILLE MUNI AP	252		16		245	
NEW BRUNSWICK 3 SE	242	304	18	921	255	3354
SEABROOK FARMS	192	227	16	1106	296	3680
SOMERDALE 4 SW	245	301	15	1105	248	3644
ATSION	269	340	9		221	
TRENTON MERCER CO A	244	292	14	930	249	3404
PHILADELPHIA MT HOL	293	357	9	788	200	3197
-NJ: COASTAL-						
ATLANTIC CITY	139	152	18	916	344	3483
CAPE MAY 2 NW	148	166	21	1003	339	3597
LONG BRANCH OAKHURS	243	291	16		244	3118

The heating season begins July 1 and ends June 30. The cooling season begins January 1 and ends December 31.
The growing season begins March 1 and ends October 31. All departures are calculated from the 1981 - 2010 mean.
These data are considered preliminary, published data from the National Climatic Data Center may differ somewhat from the values shown here.

NORTHEAST REGIONAL CLIMATE CENTER MID-ATLANTIC CLIMATE



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